

Weekly Report

1 Done

1.1 Monograph Proofreading

1.2 Project with Chuan

- Try different parameters to improve the effects of stacked plot.
- Load real data instead of simulated one.
- Optimize performance.

1.3 Paper Revision

I had a meeting with Prof. Ma, Chris and Yiran about how to revise our paper. The revision plan is shown below.

Section	Subsection	Plan
1	-	(Reviewers said the intro is good, so I will stay it the same.)
2	-	-
3	-	<ul style="list-style-type: none">• Tell which are DRs for security guys (models), which are DRs for data owners (visual designs).• Cite other studies to support our DRs.• Split DR3 to seek defenses (corresponding to 4.2) and explain the process (corresponding to visual design).• Mention that we should provide a recommendation based on data characteristics in DR6 (corresponding to 4.3).
4	4.1	<ul style="list-style-type: none">• Highlight DR1.• Explain why we need to simulate inference attacks and prove the representative of Bayesian network by citing 5 or more paper about inference attacks based on different approaches.)
	4.2	<ul style="list-style-type: none">• Highlight the new DR-seek defenses.
	4.3	<ul style="list-style-type: none">• Highlight DR5.• Change title to "Scheme Recommendation".
	4.4	<ul style="list-style-type: none">• Label DRs in figure 2.• Highlight DRs in text.

5		<ul style="list-style-type: none"> • Add introduction about the graduate dataset, including several sentences about dataset size, why it needs privacy and a table listing relevant graduation data attributes. • Explicitly reference the DRs. • Compare with other designs if there is any.
6		<ul style="list-style-type: none"> • Find other users to complete a case study. • Or try to introduce case study from the perspective of users.
7	-	-
8	-	-